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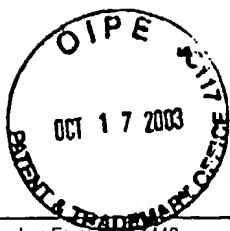
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(3/90)

ATTY. DOCKET NO.

5701-01293

SERIAL NO.

Page 1

10/620,749

APPLICANT

Shan CONG et al.

FILING DATE

15 July 2003

15 October 2003

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
<i>JA</i>	AA	2,709,804	5/31/1955	Chance et al.	342	96	
	AB	3,177,485	4/6/1965	Taylor, Jr.	342	96	
	AC	3,603,994	9/7/1971	Williams et al.	342	96	
	AD	3,699,573	10/17/1972	Andrews et al.	342	96	
	AE	3,725,918	4/3/1973	Fleischer et al.	343	5 EM	
	AF	3,869,601	3/4/1975	Metcalfe	392	450	
	AG	3,971,018	7/20/1976	Isbister et al.	343	5 CD	
	AH	4,623,966	11/18/1986	O'Sullivan	364	461	
	AI	5,051,751	9/24/1991	Gray	342	107	
	AJ	5,138,321	8/11/1992	Hammer	342	36	
	AK	5,170,440	12/8/1992	Cox	382	199	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No	
	AL							
	AM							
	AN							
	AO							
	AP							

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<i>JA</i>	AR	Dickmanns, E.D.; Mysliwetz, B.D.; "Recursive 3-D Road and Relative Ego-State Recognition," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , Vol. 14, No. 2, Feb. 1992, pp 199-213.
	AS	Hsu, J.C.; Chen, W. L.; Lin, R. H; Yeh, E. C.; "Estimations of previewed road curvatures and vehicular motion by a vision-based data fusion scheme," <i>Machine Vision and Applications</i> , Vol. 9, 1997, p. 179-192.
	AT	Barber, P.A.; King, P.; Richardson, M.; "Road lane trajectory estimation using yaw rate gyroscopes for intelligent vehicle control," <i>Transactions on the Institute of Measurement and Control</i> , Vol. 20, No. 2, 1998, pp. 59-66.

EXAMINER

ISRM Alonsoivi

DATE CONSIDERED

5/26/04

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	BB	5,307,289	4/26/1994	Harris	364	400	
	BC	5,314,037	5/24/1994	Shaw et al.	180	169	
	BD	5,343,206	8/30/1994	Ansaldi et al.	342	70	
	BE	5,402,129	3/28/1995	Gellner et al.	342	70	
	BF	5,406,289	4/11/1995	Barker et al.	342	96	
	BG	5,471,214	11/28/1995	Faibish et al.	342	70	
	BH	5,530,651	6/25/1996	Uemura et al	364	461	
	BI	5,537,119	7/16/1996	Poore, Jr.	342	96	
	BJ	5,587,929	12/24/1996	League et al.	342	159	
	BK	5,594,414	1/14/1997	Namngani	340	436	
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JP ↓	BR	Schiffmann, J.K.; Widmann, G.R.; "Model-Based Scene Tracking Using Radar Sensors for Intelligent Automotive Vehicle Systems," IEEE International Radar Conference, 1998, pp. 421-426.					
	BS	Jilkov, V.P.; Angelova, D.S.; Semerdjiev, Tz.A.; "Design and Comparison of Mode-Set Adaptive IMM Algorithms for Manuevering Target Tracking," IEEE Transactions on Aerospace and Electronic Systems, Vol. 35, No. 1, Jan. 1999, pp. 343-350.					
	BT	Tsang, S. H.; Hoare, E. G; Hall, P. S.; Clarke, N. J.; "Automotive Radar Image Processing To Predict Vehicle Trajectory," IEEE International Radar Conference, 1999, p. 867-870.					
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dh	CA	5,598,164	1/28/1997	Reppas et al.	342		
	CB	5,627,768	5/6/1997	Uhlmann et al.	702		
	CC	5,631,639	5/20/1997	Hibino et al.	340		
	CD	5,633,642	5/27/1997	Hoss et al.	342		
	CE	5,657,251	8/12/1997	Fiala	343		
	CF	5,668,739	9/16/1997	League et al.	382		
	CG	5,684,473	11/4/1997	Hibino et al.	340		
	CH	5,689,264	11/18/1997	Ishikawa et al.	342		
	CI	5,703,593	12/30/1997	Campbell et al.	342		
	CJ	5,926,126	7/20/1999	Engelman	342		
	CK	5,948,043	9/7/1999	Mathis	701		
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	CL						
	CM						
	CN						
	CO						
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dh	CR	Jula, H.; Kosmatopoulos, E.; Ioannou, P.; "Collision Avoidance Analysis for Lane Changing and Merging," Technical Report, University of Southern California, 1999.					
	CS	Lin, C-F.; Ulsoy, A.G.; LeBlanc, D.J.; "Vehicle Dynamics and External Disturbance Estimation for Vehicle Path Prediction," <i>IEEE Transactions on Control Systems Technology</i> , Vol. 8, No. 3, May, 2000, pp 508-518.					
	CT	Ke, C-C.; Herrero, J.G.; Llinas, J.; "Comparative Analysis of Alternative Ground Target Tracking Techniques," in <i>International Conference on Information Fusion</i> , Vol. 2, 2000, pp. WeB5:3-10.					
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JA	DA	5,959,552	9/28/1999	Cho	340	903	
	DB	5,959,574	9/28/1999	Poore, Jr.	342	96	
	DC	5,983,161	11/9/1999	Lemelson et al.	701	301	
	DD	6,070,121	5/30/2000	Matsuda	701	205	
	DE	6,085,151	7/4/2000	Farmer et al.	342	70	
	DF	6,134,509	10/17/2000	Furusho et al.	702	167	
	DG	6,161,071	12/12/2000	Shuman et al.	701	48	
	DH	6,198,426 B1	3/6/2001	Tamatsu et al.	342	70	
	DI	6,226,389 B1	5/1/2001	Lemelson et al.	382	104	
	DJ	6,275,231 B1	8/14/2001	Obradovich	345	349	
	DK	6,275,773 B1	8/14/2001	Lemelson et al.	701	301	
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	DM						
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JA	DR	Miyahara, S.; "A Method for Radar-Based Target Tracking in Non-Uniform Road Condition," SAE 2003 World Congress, 2003-01-0013, 2003.					
	DS	Karlsson, R.; Jansson, J.; Gustafsson, F.; "Model-based statistical tracking and decision making for collision avoidance application," Technical Report, Linkoping University, LiTH-ISKY-R-2492, Feb. 2003.					
	DT	Coue, C.; Fraichard, Th.; Bessiere, P.; Mazer, E.; "Using Bayesian Programming for Multi-Sensor Multi-Target Tracking in Automotive Applications," <i>Proceedings of the IEEE Int. Conf. on Robotics and Automation</i> , Taipei, Taiwan, May 2003.					
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<i>dk</i>	EA	6,343,253 B1	1/29/2002	Matsuura et al.	701	200	
	EB	6,370,475 B1	4/9/2002	Breed et al.	701	301	
	EC	6,405,132 B1	6/11/2002	Breed et al.	701	301	
	ED	6,420,997 B1	7/16/2002	Cong	342	70	
	EE	6,470,272 B2	10/22/2002	Cong et al.	701	301	
	EF	2002/0022927 A1	2/21/2002	Lemelson et al.	701	301	
	EG						
	EH						
	EI						
	EJ						
	EK						

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	EN							
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	EP							

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